

[CLAIMS]

[Claim 1] A drum type washing machine comprising:

a front cover on a front of the washing machine;

a door on a center of a front of the front cover;

5 side covers each for protecting a side of the washing machine;

a back cover for protecting a rear of the washing machine;

a top cover for protecting a top side of the washing machine; and

a vertical panel frame on an upper portion of the front cover, having at least one supporting means for supporting the top cover.

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[Claim 2] The drum type washing machine as claimed in claim 1, wherein the supporting means is a bead on the upper portion of the panel frame, the bead recessed backward.

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[Claim 3] The drum type washing machine as claimed in claim 2, wherein the bead is formed by a forming process in which a predetermined area of an upper portion of the panel frame is incised horizontally at a predetermined length, and applying a pressure from front to rear.

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[Claim 4] The drum type washing machine as claimed in claim 2, wherein the top cover includes a bead seating part for seating the top cover on the bead.

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[Claim 5] The drum type washing machine as claimed in claim 4, wherein the bead seating part is formed by bending a bottom edge of the top cover at a right angle inwardly with respect to a panel frame surface.

[Claim 6] The drum type washing machine as claimed in claim 1, wherein the top cover includes enamel coated on a surface of a base metal.

[Claim 7] A drum type washing machine comprising:

a control panel for operation of the washing machine and displaying a state of washing;

- 5 a panel frame at a rear of the control panel;
at least one top cover supporting member mounted on the panel frame; and
a top cover supported on the top cover supporting member.

[Claim 8] The drum type washing machine as claimed in claim 7, wherein the top
10 cover supporting member includes at least one hook for fastening to the front panel, and
the panel frame includes a hook fastening slot for fastening the hook thereto.

[Claim 9] The drum type washing machine as claimed in claim 8, wherein the
hook is formed at an upper front edge of a body of the top cover supporting member.

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[Claim 10] The drum type washing machine as claimed in claim 8, wherein the top
cover is placed, and supported on an upper portion of the top cover supporting member.

[Claim 11] The drum type washing machine as claimed in claim 10, wherein the
20 hook has a 'C' section, so that the hook can be fastened to the hook fastening slot in a
state the hook is in close contact with an upper, and a lower surfaces of the hook fastening
slot.

[Claim 12] The drum type washing machine as claimed in claim 7, wherein the top
25 cover supporting member is formed of polyacetal.

[Claim 13] The drum type washing machine as claimed in claim 1, wherein the top
cover includes a base metal having enamel coated on a surface thereof.

[Claim 14] A drum type washing machine comprising:

a front cover on a front of the washing machine;

a door on a center of a front of the front cover;

5 side covers each for protecting a side of the washing machine;

a back cover for protecting a rear of the washing machine;

a top cover for protecting a top side of the washing machine; and

a backwardly recessed bead on an upper portion of a vertical panel frame on an upper portion of the front cover, for supporting the top cover; and

10 at least one top cover supporting member on the panel frame for supporting the top cover together with the bead.

[Claim 15] The drum type washing machine as claimed in claim 14, wherein the

bead is formed by a forming process in which a predetermined area of an upper portion of
15 the panel frame is incised horizontally at a predetermined length, and applying a pressure from front to rear.

[Claim 16] The drum type washing machine as claimed in claim 14, wherein the

top cover supporting member includes at least one hook for fastening to the front panel.

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[Claim 17] The drum type washing machine as claimed in claim 16, wherein the

panel frame includes a hook fastening slot for fastening the hook thereto.

[Claim 18] The drum type washing machine as claimed in claim 17, wherein the

25 hook has a 'C' section, so that the hook can be fastened to the hook fastening slot in a state the hook is in close contact with an upper, and a lower surfaces of the hook fastening slot.

[Claim 19] The drum type washing machine as claimed in claim 14, wherein the top cover supporting member is formed of polyacetal.

[Claim 20] The drum type washing machine as claimed in claim 14, wherein the
5 top cover includes a base metal having enamel coated on a surface thereof.